

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081517\
 Data File : BF097729.D
 Acq On : 16 Aug 2017 9:40
 Operator : SJ/JU
 Sample : I4703-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-H10-BASE

Quant Time: Aug 16 12:15:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	144783	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	558642	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	223803	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	332710	20.00	ng	0.00
75) Chrysene-d12	13.94	240	299193	20.00	ng	0.00
86) Perylene-d12	15.37	264	231223	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	907178	95.31	ng	0.00
7) Phenol-d6	6.42	99	1224580	94.69	ng	0.00
23) Nitrobenzene-d5	7.35	82	738206	71.79	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	155075	79.86	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	841598	55.25	ng	0.00
78) Terphenyl-d14	12.89	244	519946	36.24	ng	0.00

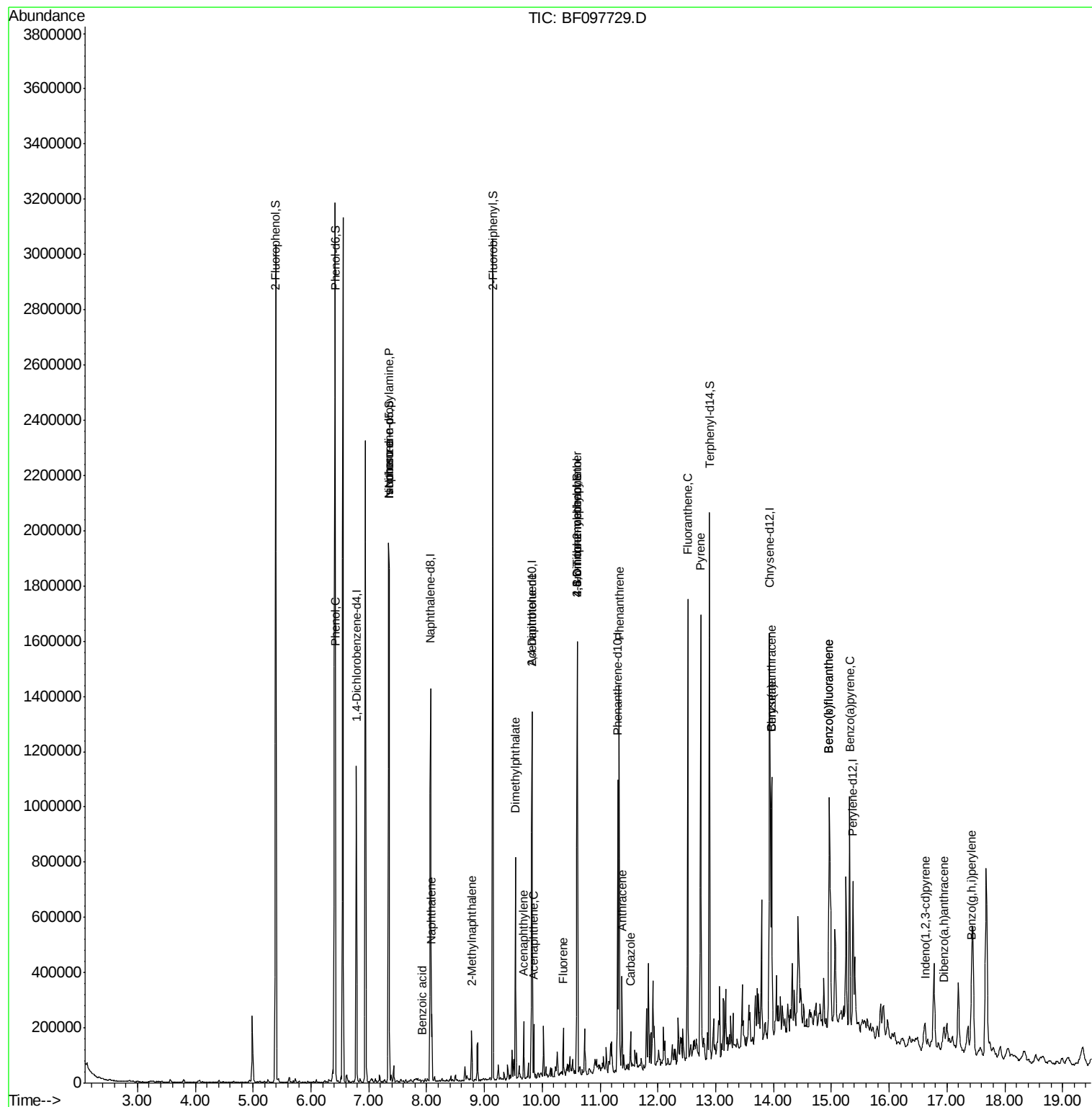
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.43	94	39150	2.588	ng	86
19) n-Nitroso-di-n-propylamine	7.35	70	101245	11.436	ng	# 72
25) Isophorone	7.35	82	737435	34.487	ng	# 67
31) Naphthalene	8.09	128	122373	4.219	ng	100
32) Benzoic acid	7.92	122	265	6.440	ng	96
37) 2-Methylnaphthalene	8.78	142	39648	2.230	ng	95
48) Acenaphthylene	9.68	152	63555	2.684	ng	97
49) Dimethylphthalate	9.54	163	240277	14.687	ng	99
51) Acenaphthene	9.85	154	33524	2.245	ng	98
56) 2,4-Dinitrotoluene	9.82	165	31061	7.579	ng	# 34
57) Fluorene	10.37	166	44432	2.871	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	249	8.452	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	10721	3.103	ng	# 1
70) Phenanthrene	11.33	178	440000	24.818	ng	100
71) Anthracene	11.38	178	122952	6.837	ng	98
72) Carbazole	11.53	167	51263	3.003	ng	97
74) Fluoranthene	12.52	202	607641	32.836	ng	99
77) Pyrene	12.74	202	627018	25.623	ng	98
80) Benzo(a)anthracene	13.97	228	354923	19.793	ng	95
82) Chrysene	13.97	228	354923	19.897	ng	97
85) Indeno(1,2,3-cd)pyrene	16.62	276	35216	2.684	ng	97
87) Benzo(b)fluoranthene	14.96	252	634964	43.566	ng	98
88) Benzo(k)fluoranthene	14.96	252	634964	46.371	ng	96
89) Benzo(a)pyrene	15.32	252	365530	28.330	ng	98
90) Dibenzo(a,h)anthracene	16.94	278	40489	3.855	ng	95
91) Benzo(g,h,i)perylene	17.42	276	50115	4.572	ng	94

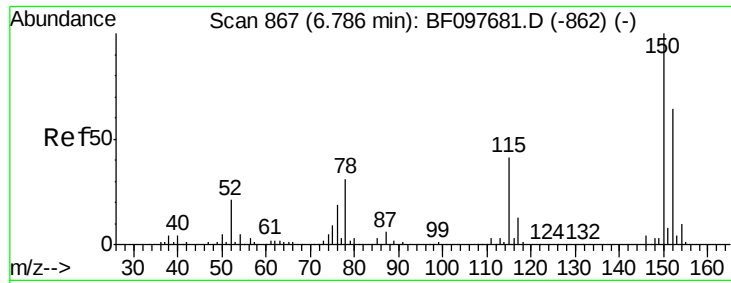
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081517\
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Misc :
ALS Vial : 42 Sample Multiplier: 1

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Quant Time: Aug 16 12:15:39 2017
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QLast Update : Tue Aug 15 13:25:08 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

Instrument :

BNA_F

ClientSampleId :

E2-H10-BASE

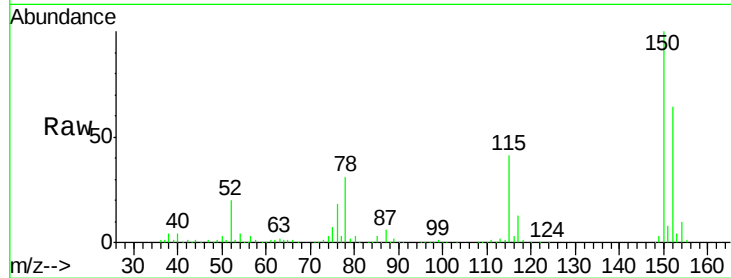
Tgt Ion:152 Resp: 144783

Ion Ratio Lower Upper

152 100

150 155.6 126.2 189.2

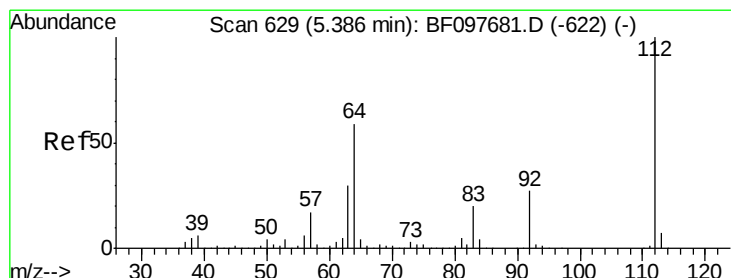
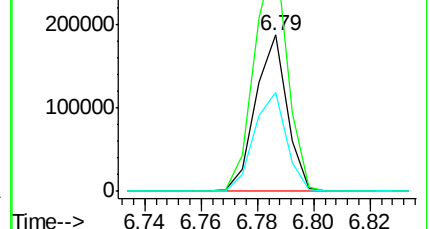
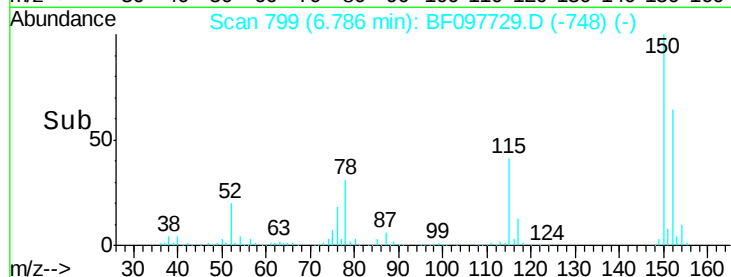
115 63.0 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 95.307 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

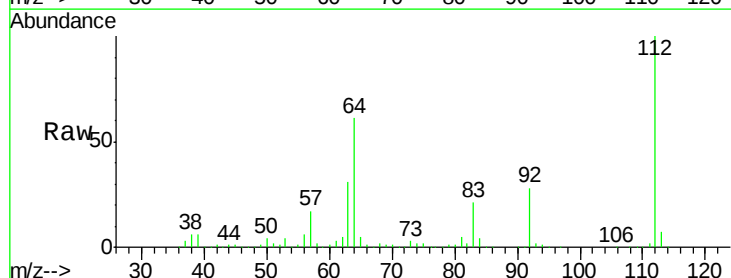
Tgt Ion:112 Resp: 907178

Ion Ratio Lower Upper

112 100

64 60.8 46.0 69.0

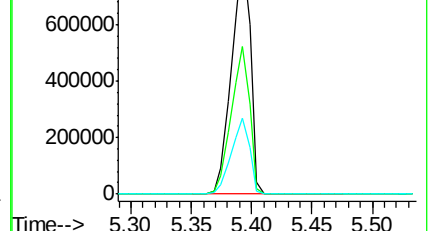
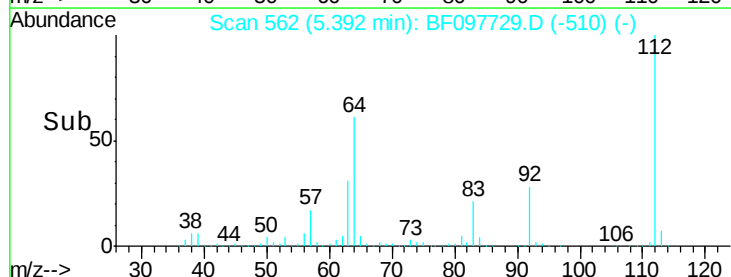
63 31.3 23.4 35.0

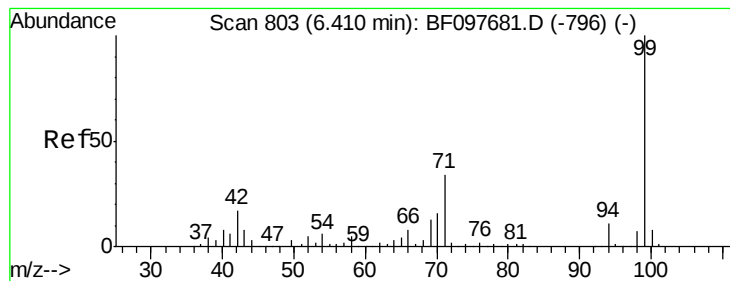


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.687 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

Instrument :

BNA_F

ClientSampleId :

E2-H10-BASE

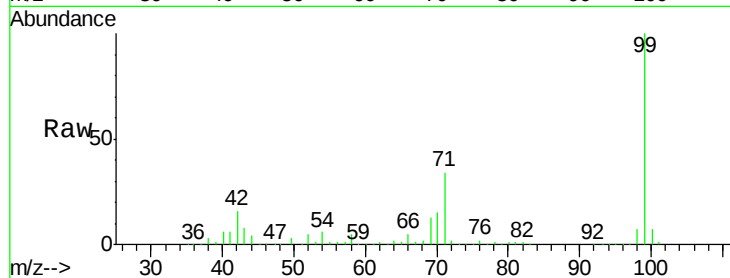
Tgt Ion: 99 Resp: 1224580

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

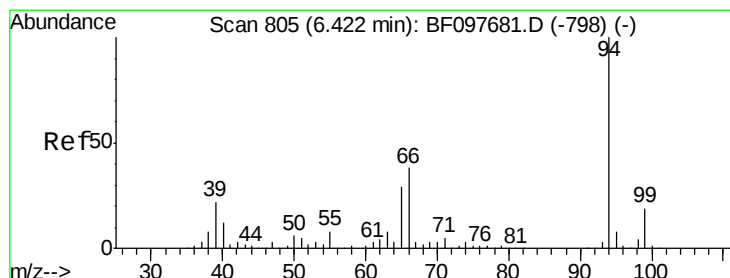
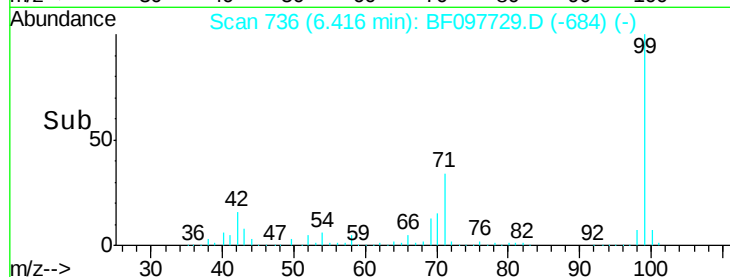
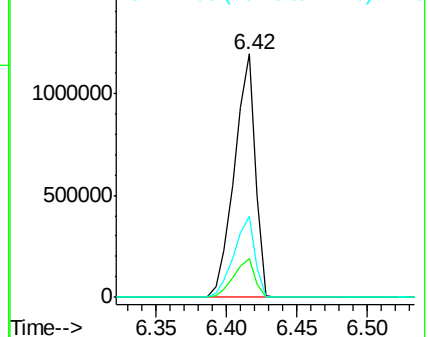
71 33.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.588 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

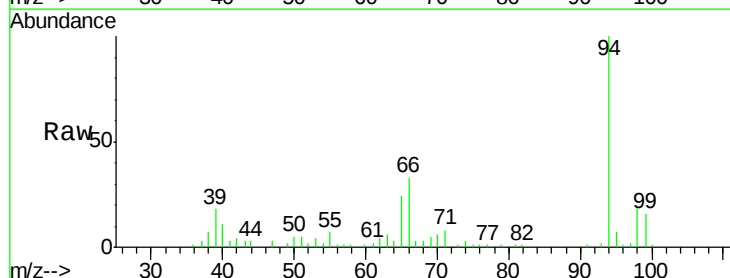
Tgt Ion: 94 Resp: 39150

Ion Ratio Lower Upper

94 100

65 24.1 9.9 49.9

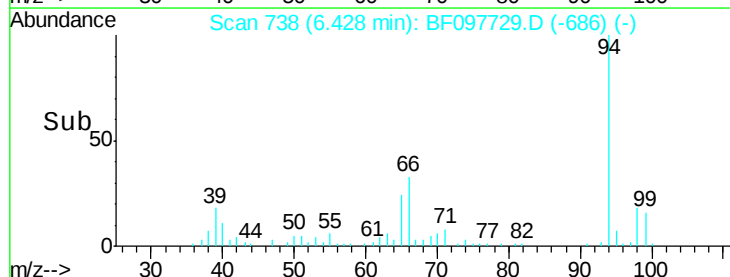
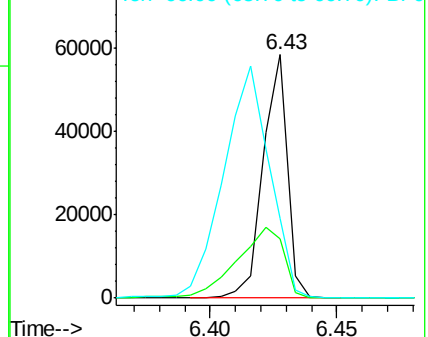
66 32.8 23.1 63.1

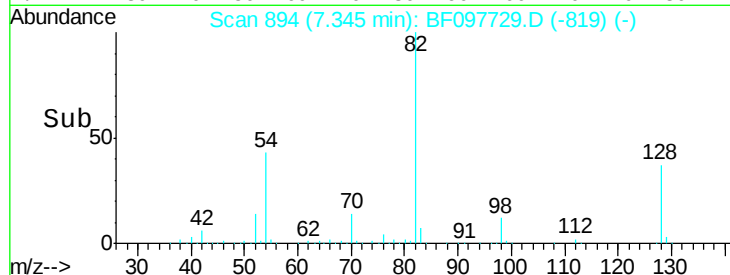
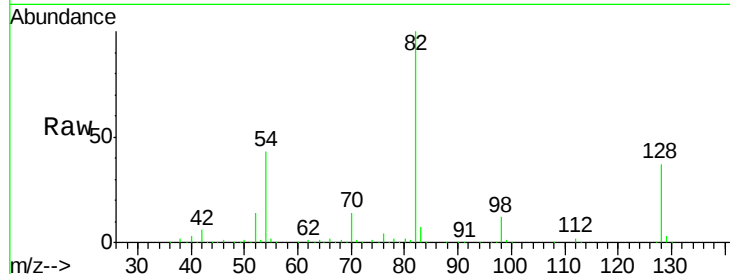
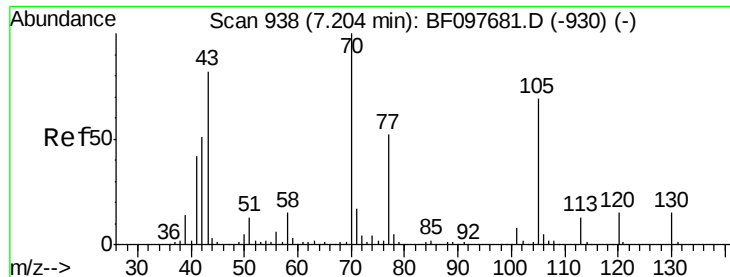


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

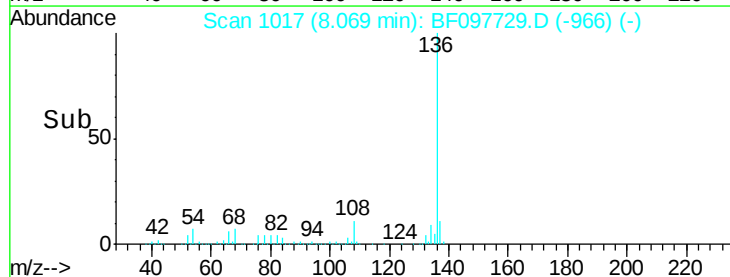
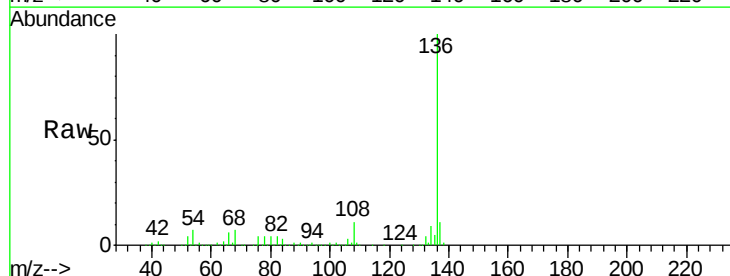
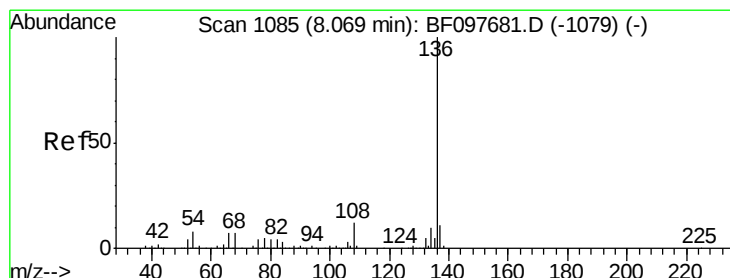
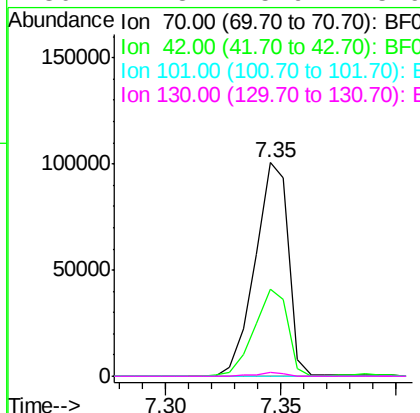




#19
n-Nitroso-di-n-propylamine
Concen: 11.436 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097729.D
Acq: 16 Aug 2017 9:40

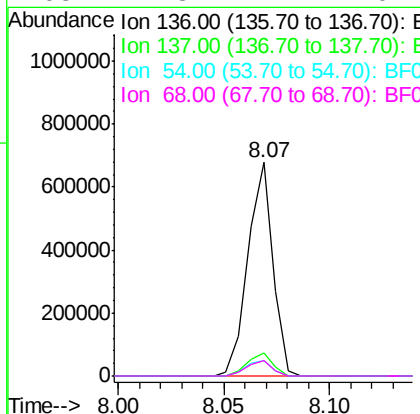
Instrument :
BNA_F
ClientSampleId :
E2-H10-BASE

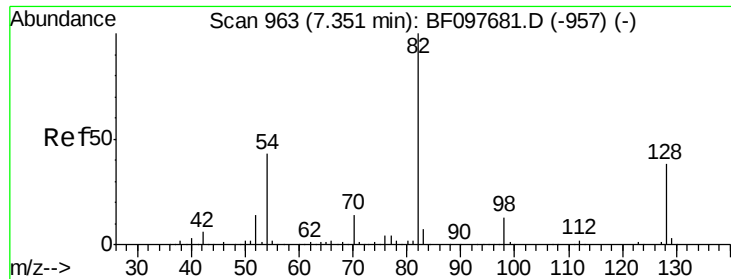
Tgt Ion:	70	Resp:	101245
Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.2	70.8#
101	0.0	7.2	10.8#
130	1.8	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097729.D
Acq: 16 Aug 2017 9:40

Tgt Ion:	136	Resp:	558642
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.5	4.9	7.3#
68	7.3	4.1	6.1#

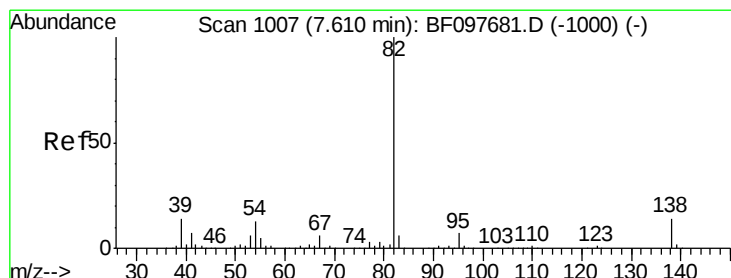
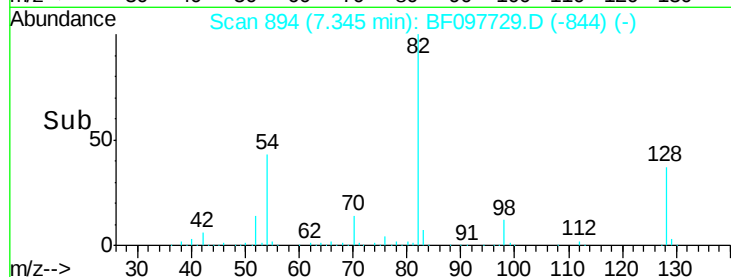
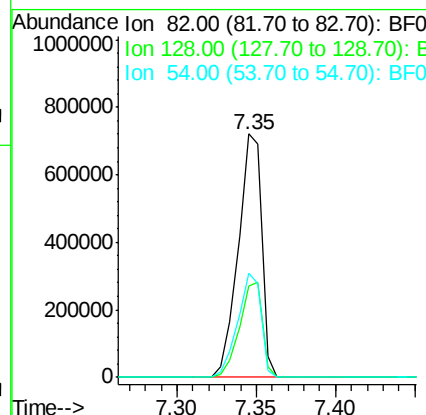
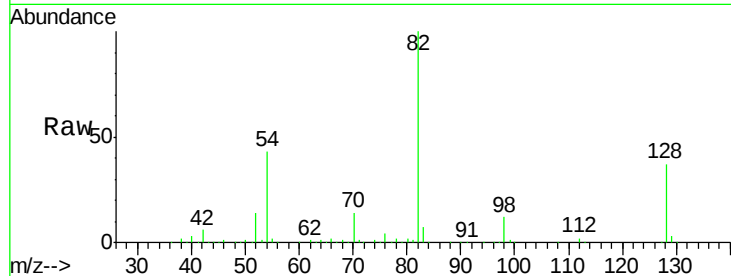




#23
 Nitrobenzene-d5
 Concen: 71.786 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF097729.D
 Acq: 16 Aug 2017 9:40

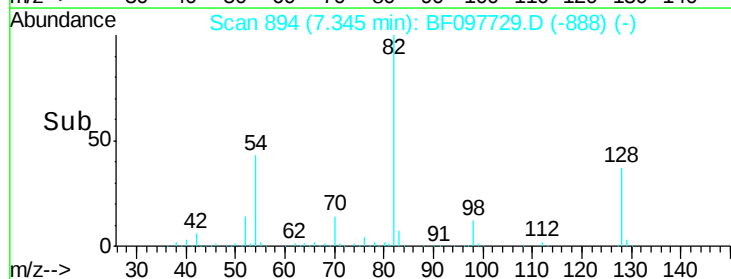
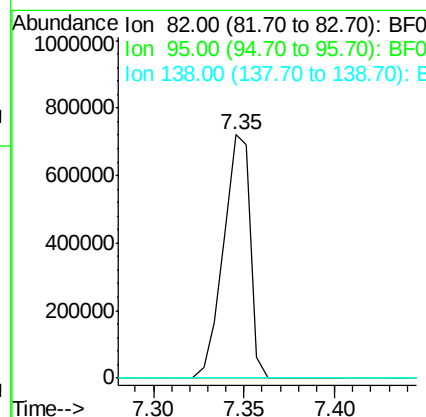
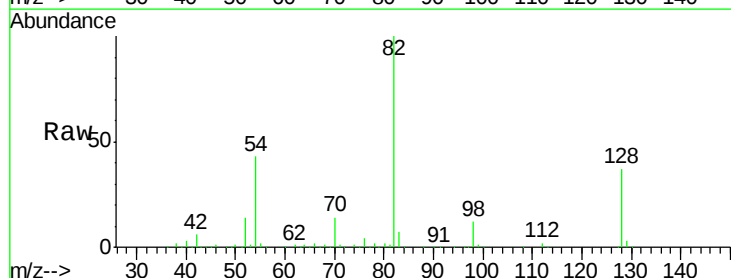
Instrument :
 BNA_F
 ClientSampleId :
 E2-H10-BASE

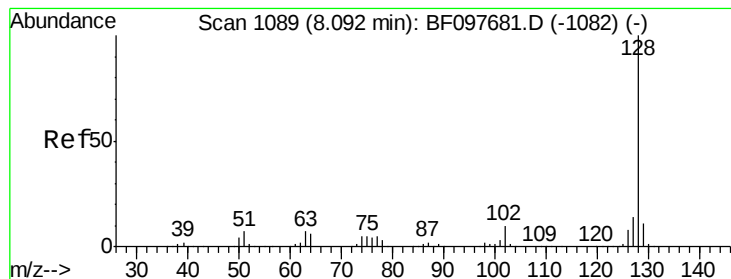
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.0	51.0
54	43.0	42.2	63.2



#25
 Isophorone
 Concen: 34.487 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BF097729.D
 Acq: 16 Aug 2017 9:40

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#31

Naphthalene

Concen: 4.219 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

Instrument :

BNA_F

ClientSampleId :

E2-H10-BASE

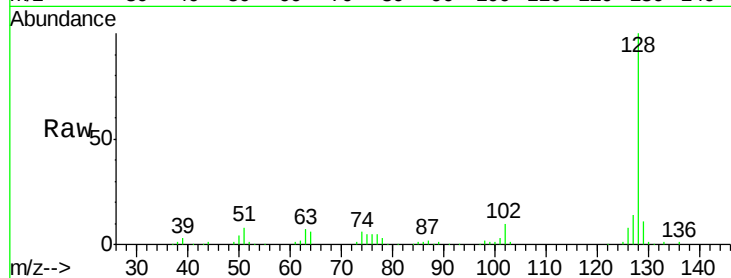
Tgt Ion:128 Resp: 122373

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

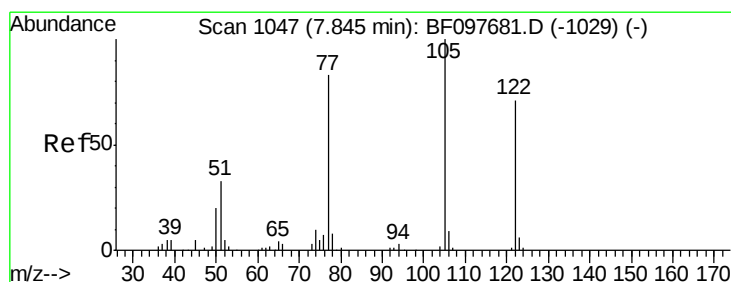
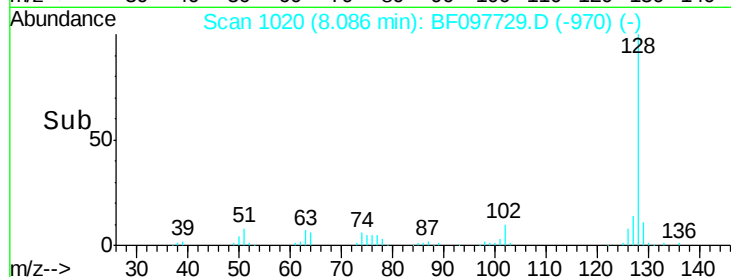
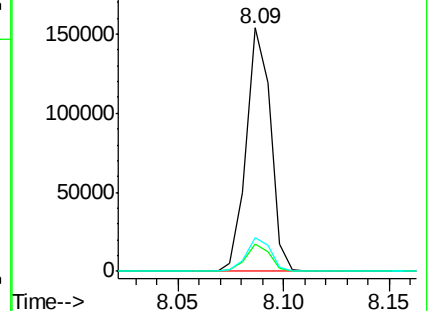
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.440 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.07 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

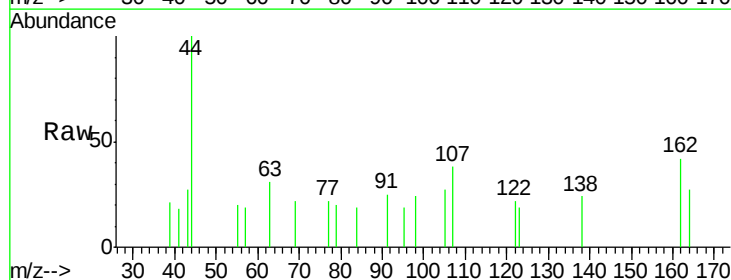
Tgt Ion:122 Resp: 265

Ion Ratio Lower Upper

122 100

105 123.4 103.3 143.3

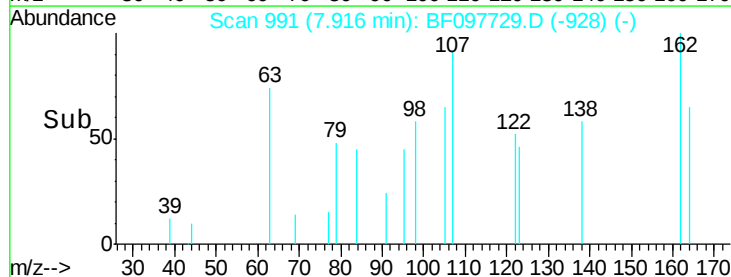
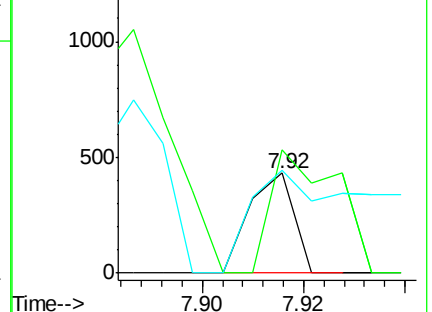
77 102.8 73.7 113.7

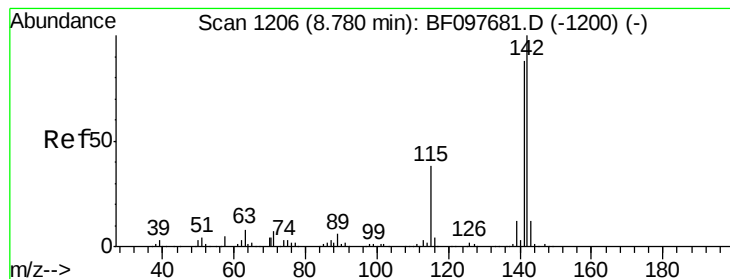


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#37

2-Methylnaphthalene

Concen: 2.230 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

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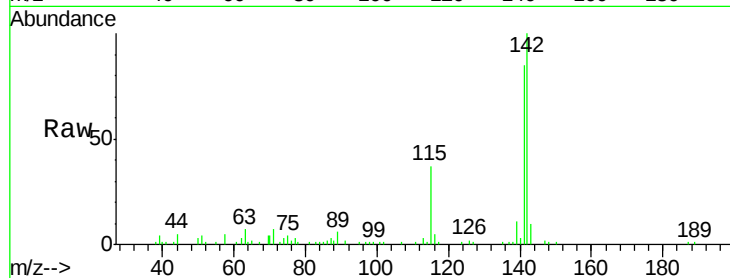
Tgt Ion:142 Resp: 39648

Ion Ratio Lower Upper

142 100

141 84.8 71.3 106.9

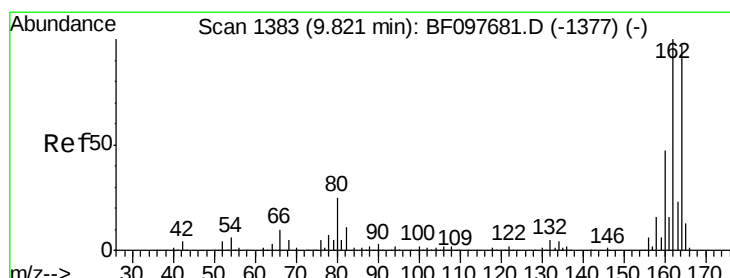
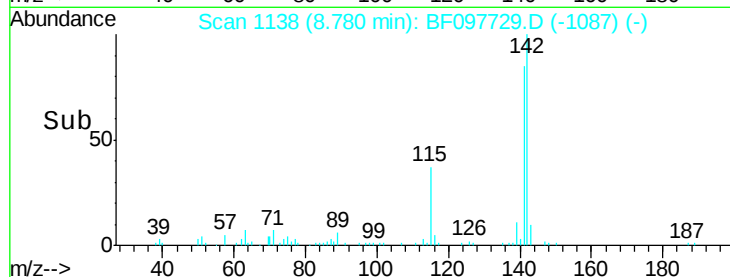
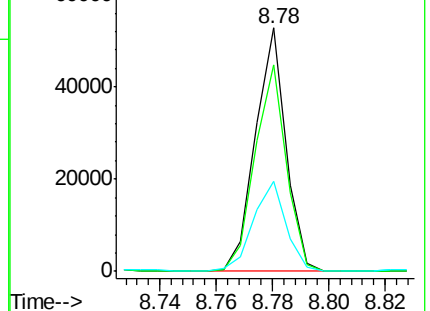
115 36.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

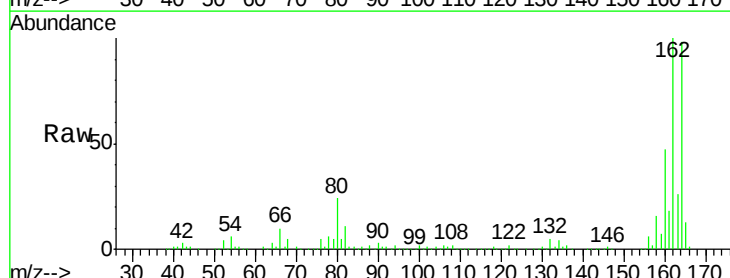
Tgt Ion:164 Resp: 223803

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

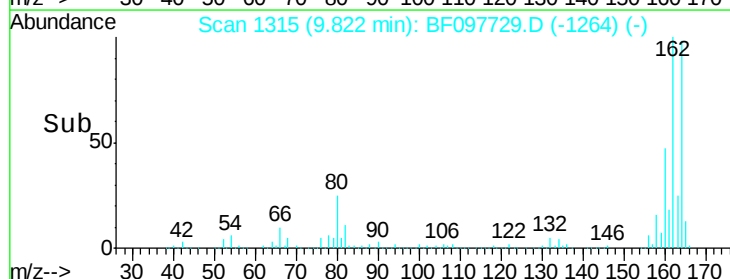
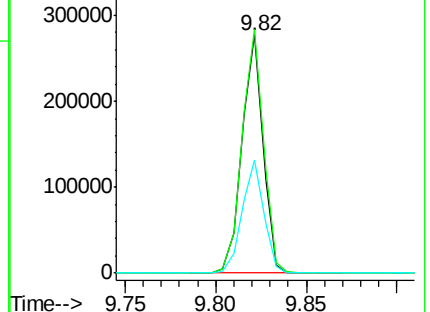
160 47.7 36.2 54.2

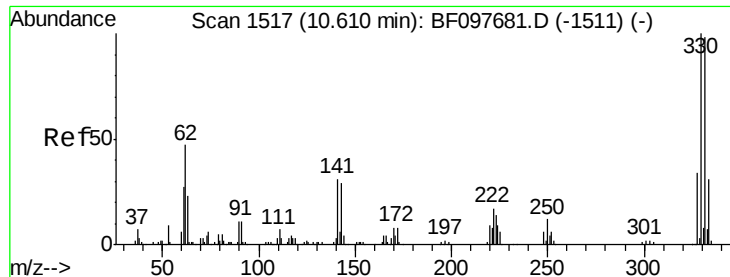


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

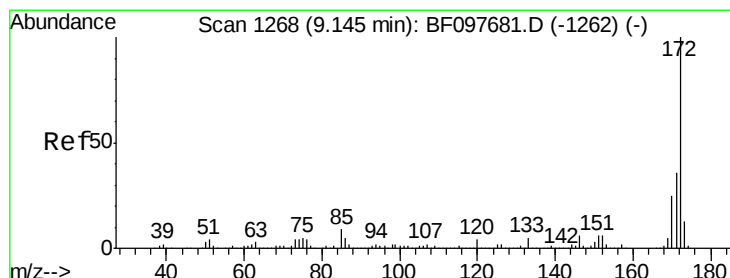
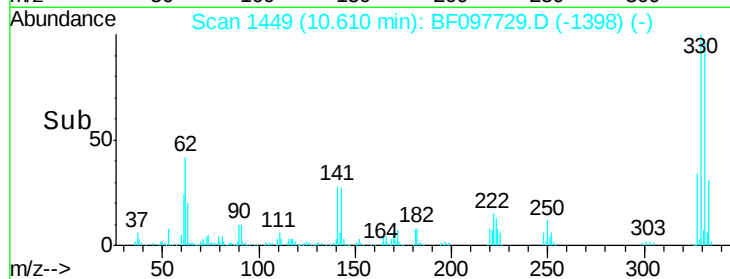
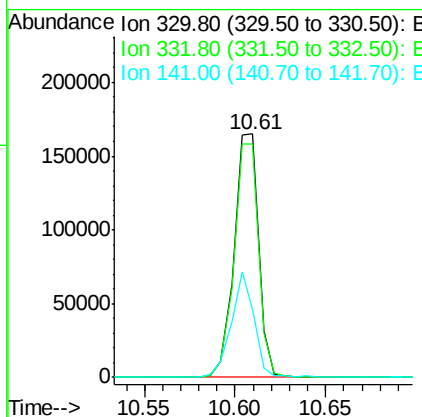
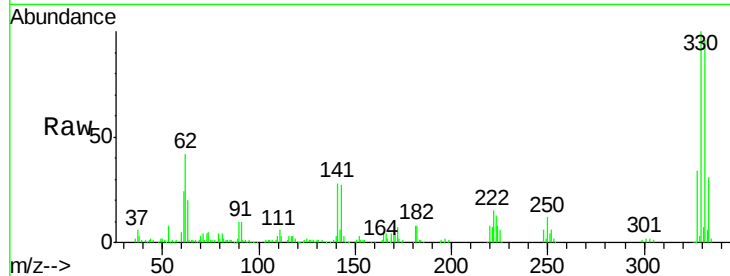




#41
 2,4,6-Tribromophenol
 Concen: 79.859 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097729.D
 Acq: 16 Aug 2017 9:40

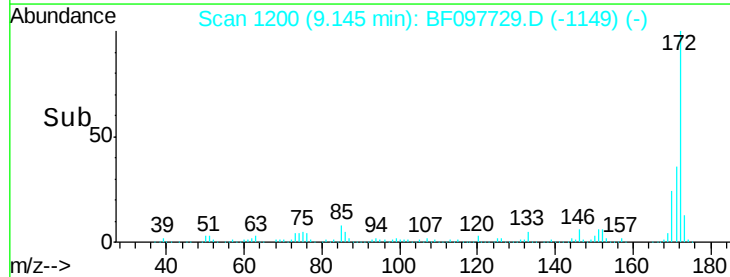
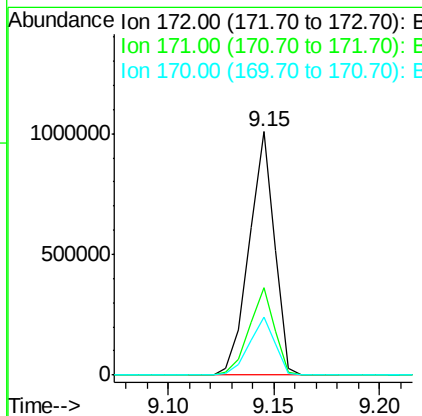
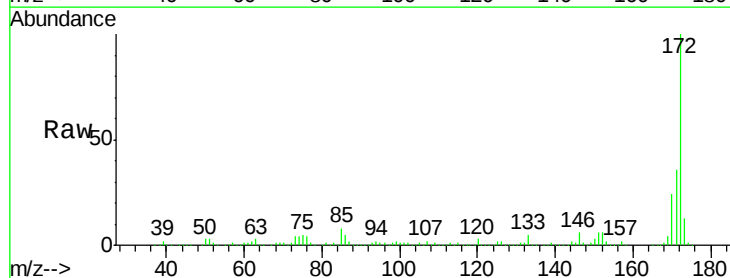
Instrument :
 BNA_F
 ClientSampleId :
 E2-H10-BASE

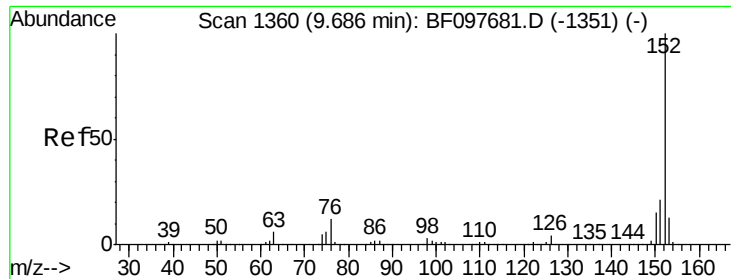
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	41.7	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 55.249 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097729.D
 Acq: 16 Aug 2017 9:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.1	19.8	29.8





#48

Acenaphthylene

Concen: 2.684 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

Instrument :

BNA_F

ClientSampleId :

E2-H10-BASE

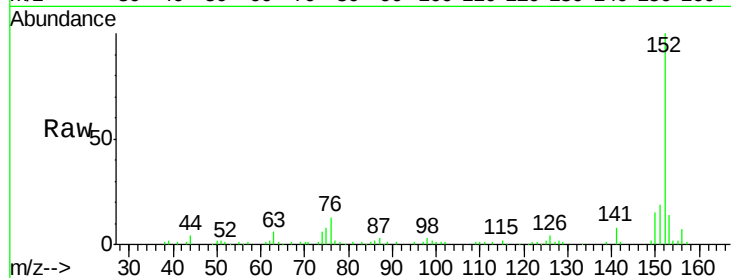
Tgt Ion:152 Resp: 63555

Ion Ratio Lower Upper

152 100

151 19.4 16.8 25.2

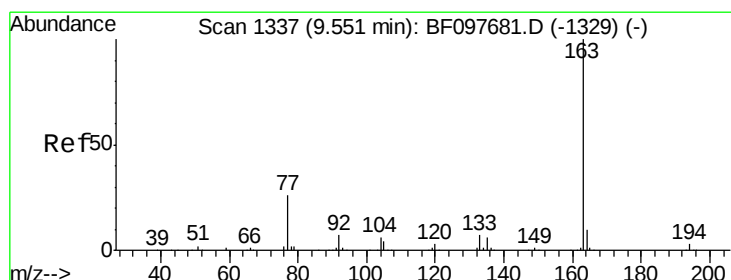
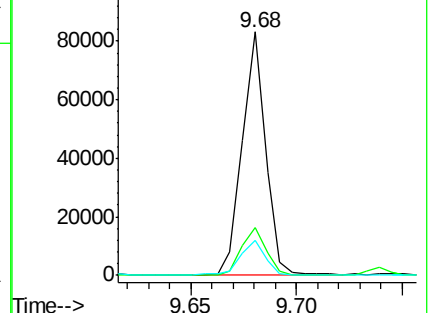
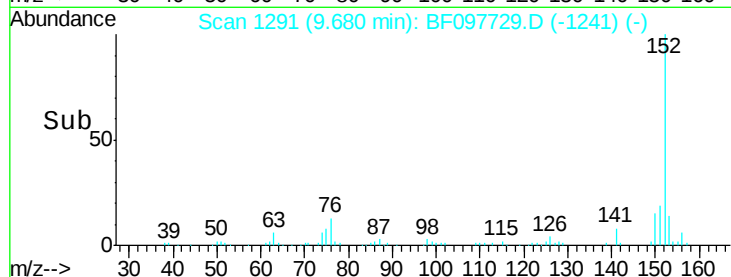
153 14.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 14.687 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

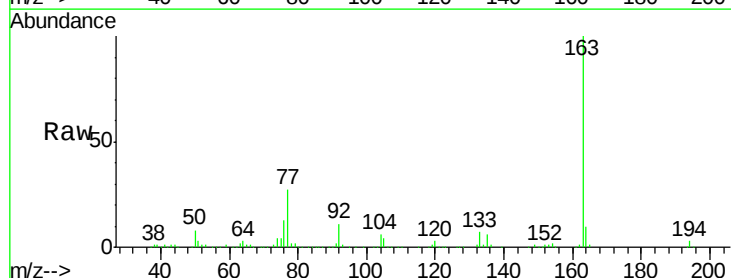
Tgt Ion:163 Resp: 240277

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

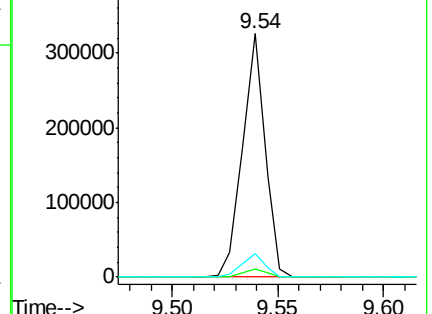
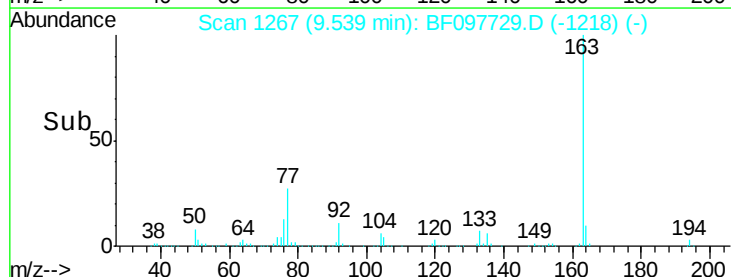
164 9.9 8.4 12.6

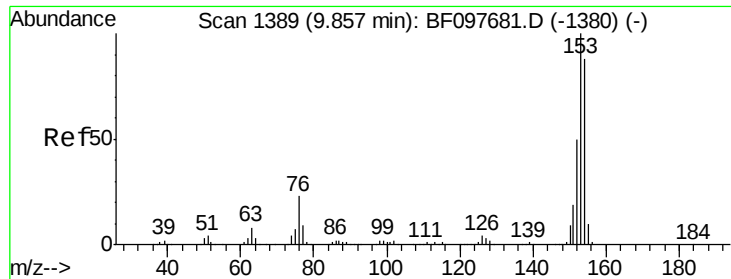


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.245 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

Instrument :

BNA_F

ClientSampleId :

E2-H10-BASE

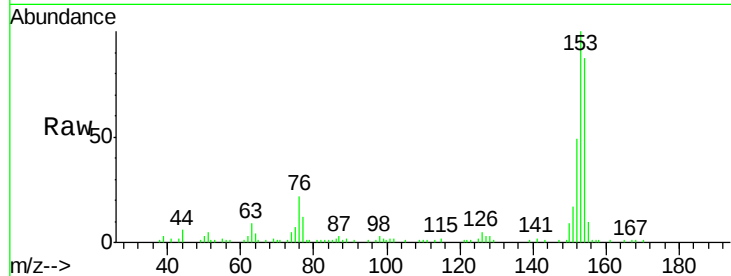
Tgt Ion:154 Resp: 33524

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

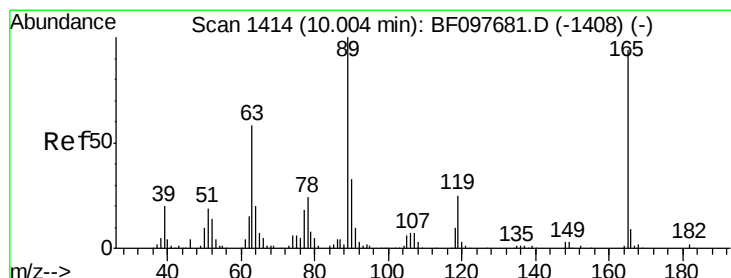
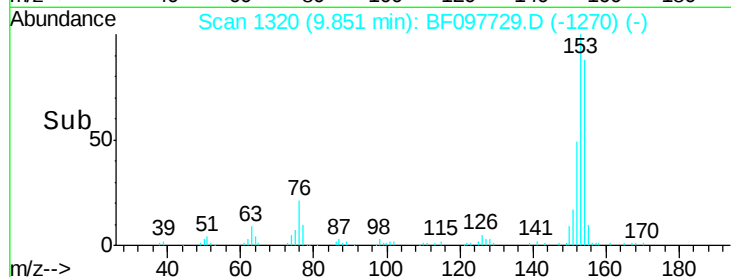
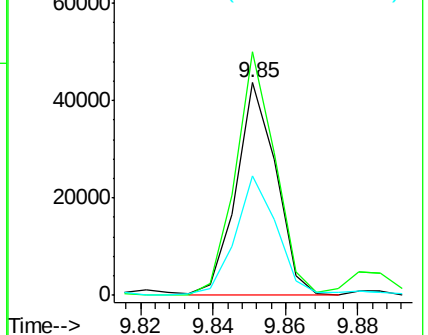
152 56.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 7.579 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.18 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

Tgt Ion:165 Resp: 31061

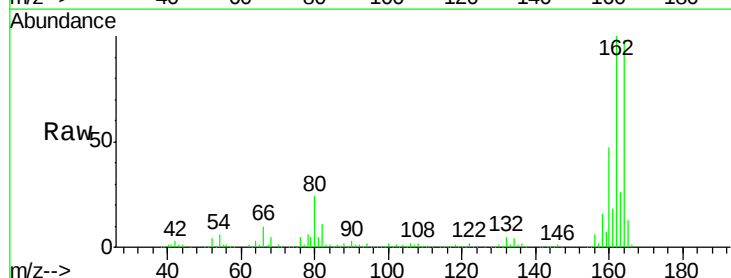
Ion Ratio Lower Upper

165 100

63 2.2 25.4 38.0#

89 1.7 46.4 69.6#

182 0.0 1.8 2.6#

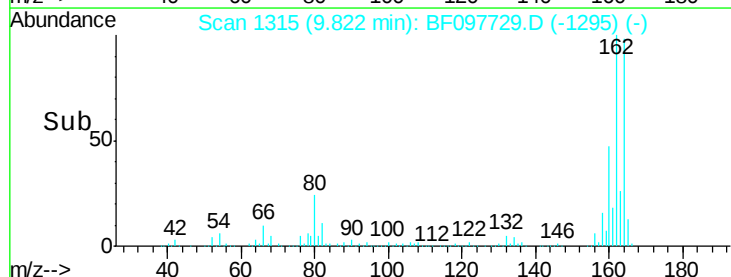
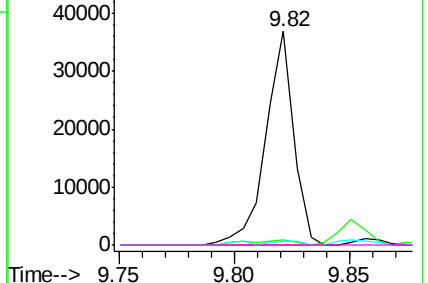


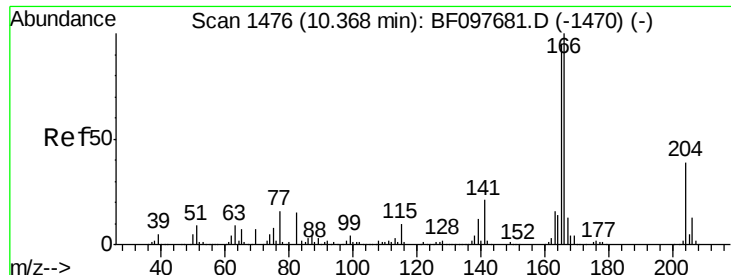
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

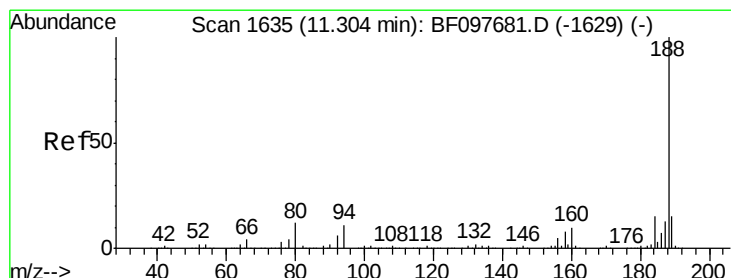
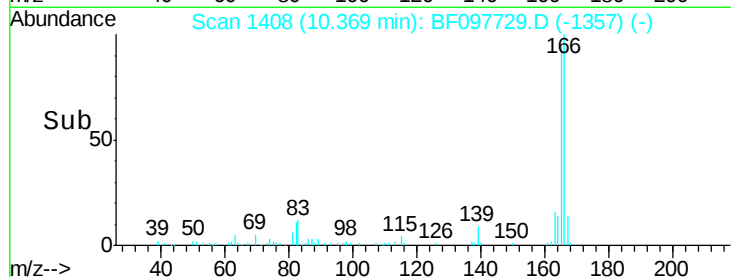
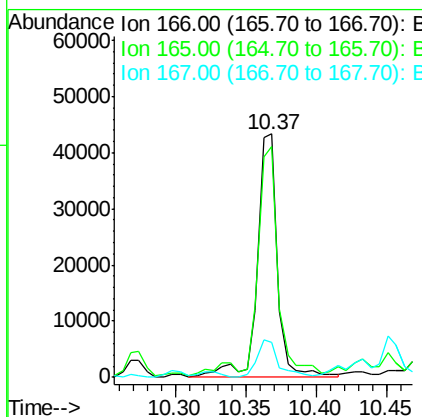
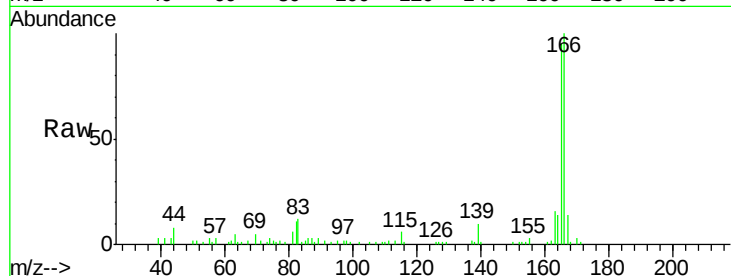




#57
Fluorene
 Concen: 2.871 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF097729.D
 Acq: 16 Aug 2017 9:40

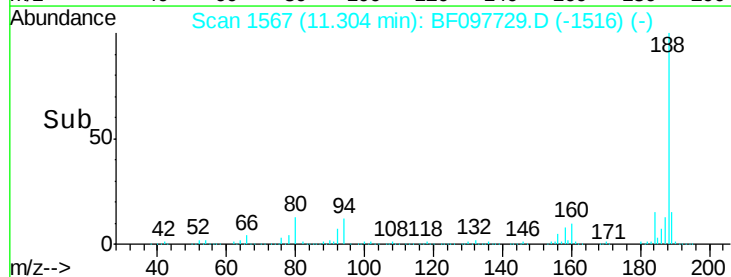
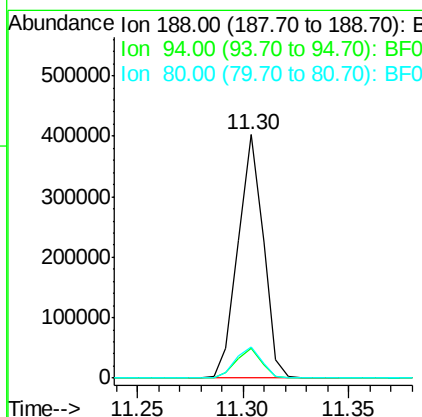
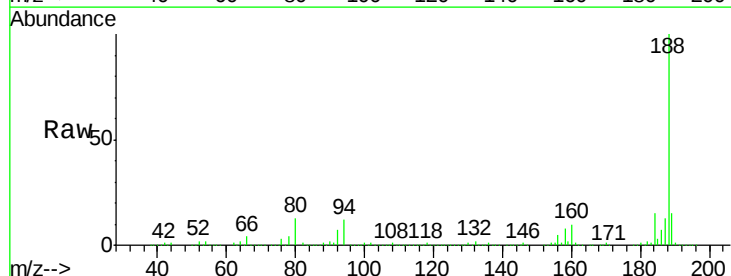
Instrument :
 BNA_F
 ClientSampleId :
 E2-H10-BASE

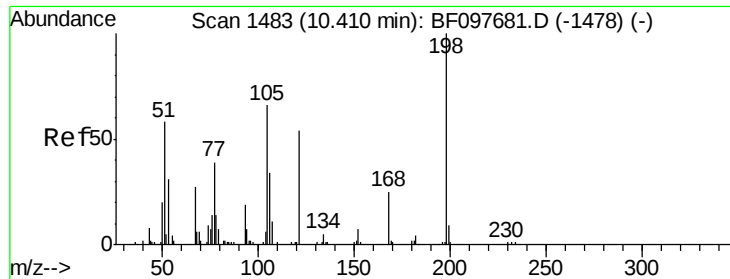
Tgt Ion:166 Resp: 44432
 Ion Ratio Lower Upper
 166 100
 165 94.6 78.8 118.2
 167 14.2 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF097729.D
 Acq: 16 Aug 2017 9:40

Tgt Ion:188 Resp: 332710
 Ion Ratio Lower Upper
 188 100
 94 12.2 9.4 14.2
 80 12.8 10.2 15.2

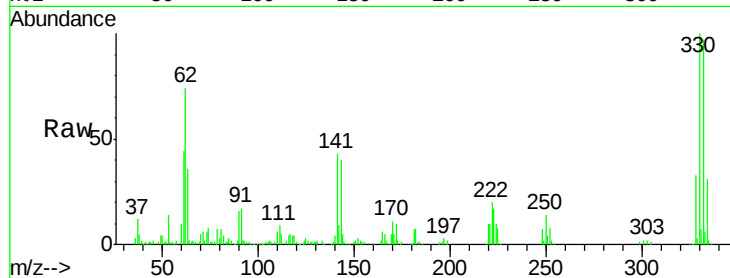




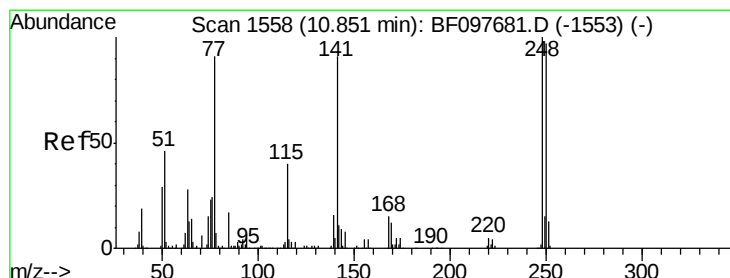
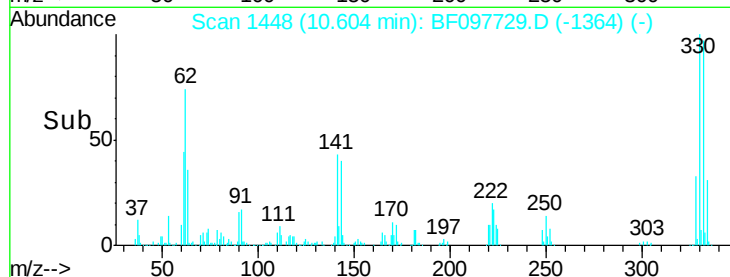
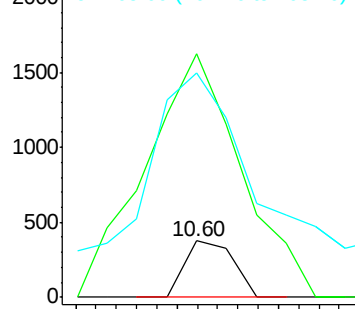
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.452 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.19 min
 Lab File: BF097729.D
 Acq: 16 Aug 2017 9:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-H10-BASE

Tgt Ion:198 Resp: 249
 Ion Ratio Lower Upper
 198 100
 51 431.9 53.2 93.2#
 105 397.6 45.8 85.8#

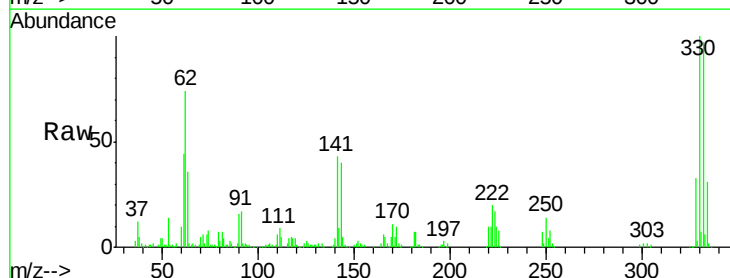


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

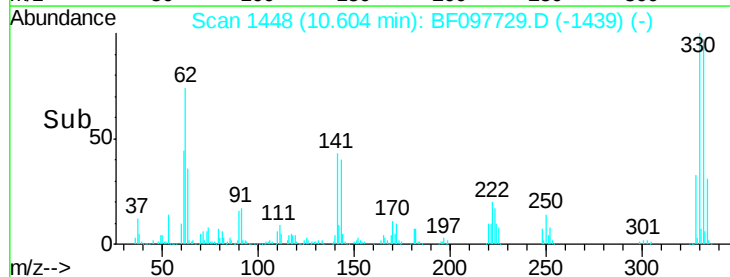
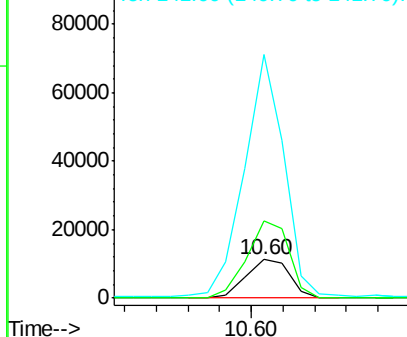


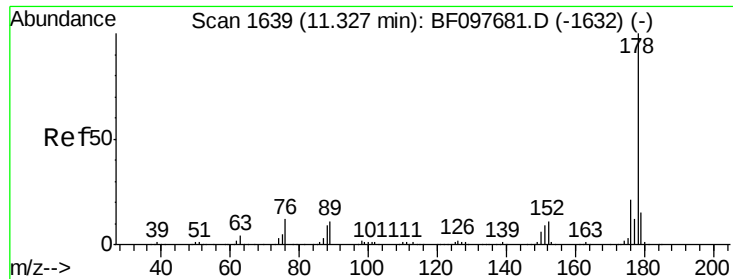
#66
 4-Bromophenyl-phenylether
 Concen: 3.103 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF097729.D
 Acq: 16 Aug 2017 9:40

Tgt Ion:248 Resp: 10721
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.8 115.2#
 141 628.7 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

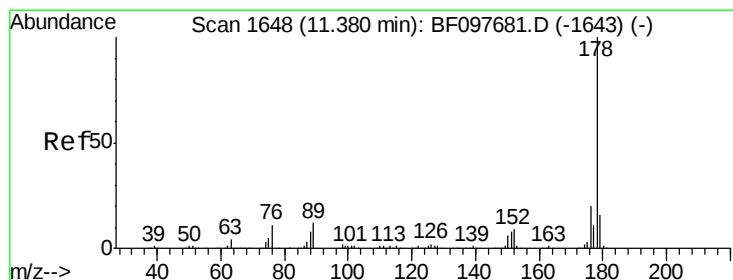
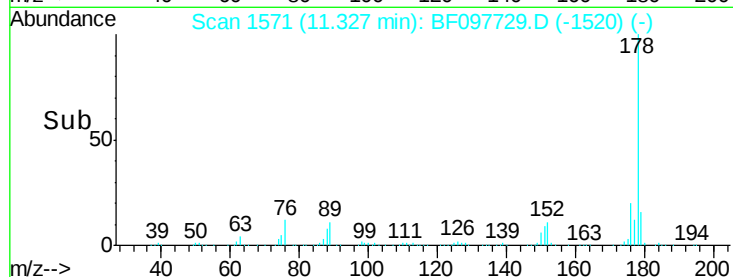
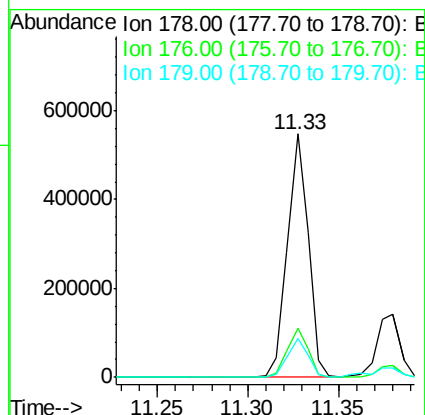
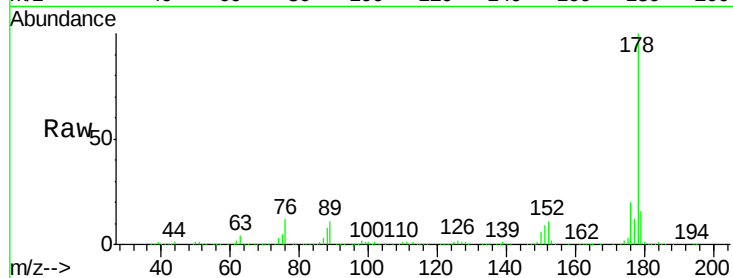




#70
Phenanthrene
Concen: 24.818 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF097729.D
Acq: 16 Aug 2017 9:40

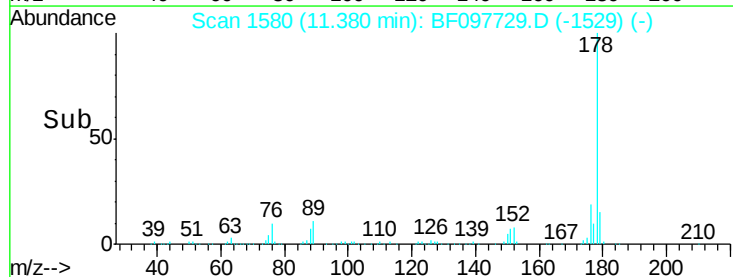
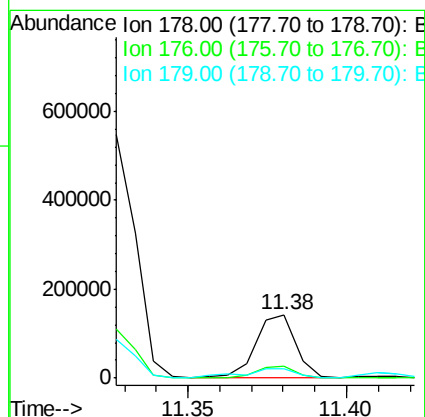
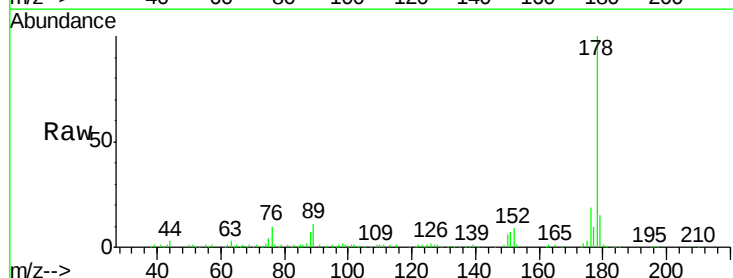
Instrument :
BNA_F
ClientSampleId :
E2-H10-BASE

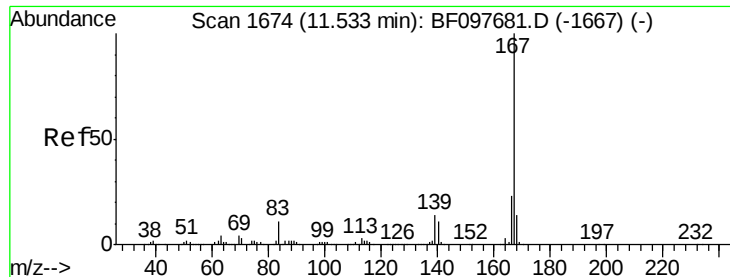
Tgt Ion:178 Resp: 440000
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.0 12.6 19.0



#71
Anthracene
Concen: 6.837 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF097729.D
Acq: 16 Aug 2017 9:40

Tgt Ion:178 Resp: 122952
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 14.7 12.7 19.1

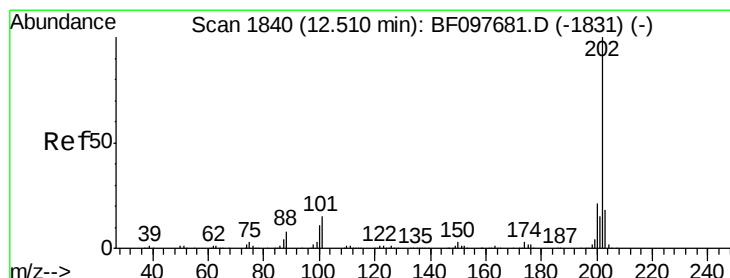
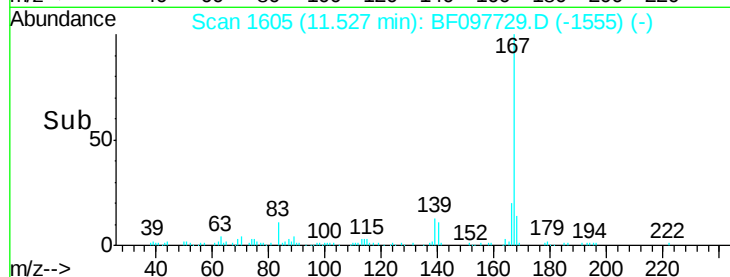
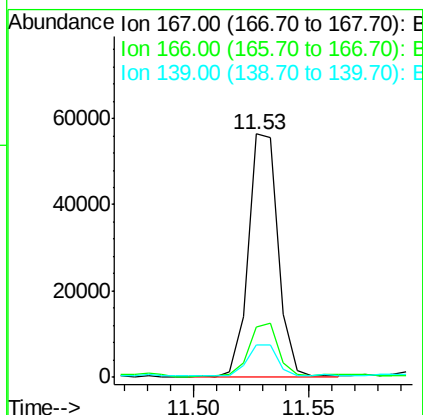
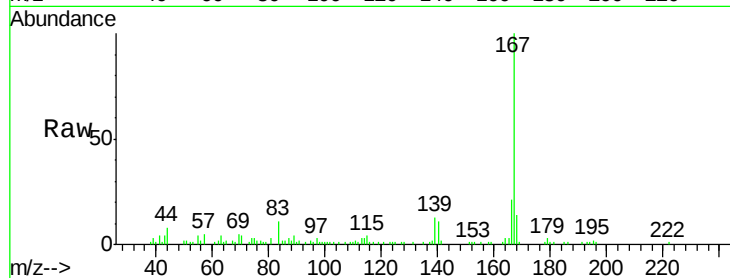




#72
 Carbazole
 Concen: 3.003 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF097729.D
 Acq: 16 Aug 2017 9:40

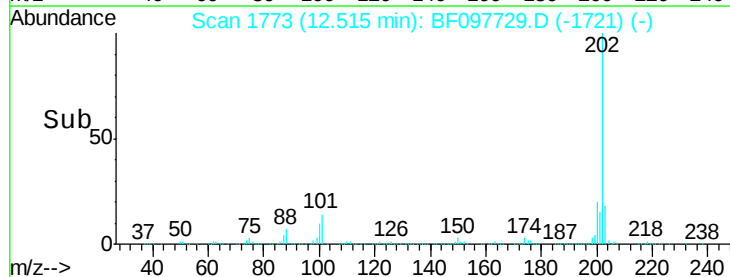
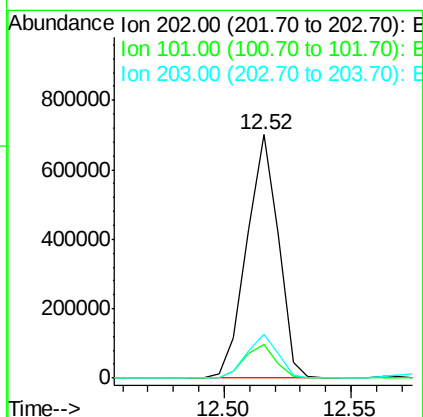
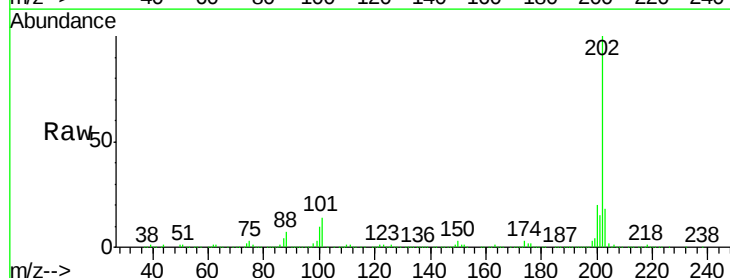
Instrument :
 BNA_F
 ClientSampleId :
 E2-H10-BASE

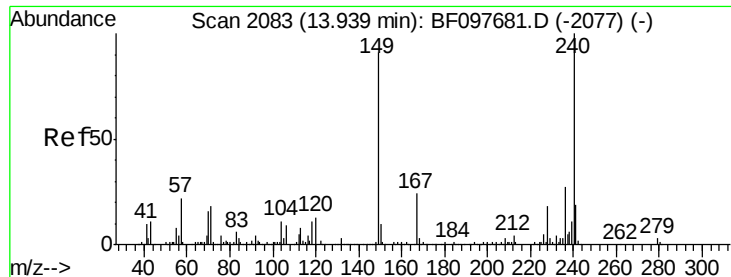
Tgt Ion:167 Resp: 51263
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.1 27.1
 139 13.3 11.7 17.5



#74
 Fluoranthene
 Concen: 32.836 ng
 RT: 12.52 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BF097729.D
 Acq: 16 Aug 2017 9:40

Tgt Ion:202 Resp: 607641
 Ion Ratio Lower Upper
 202 100
 101 14.1 0.0 33.2
 203 17.9 0.0 38.1

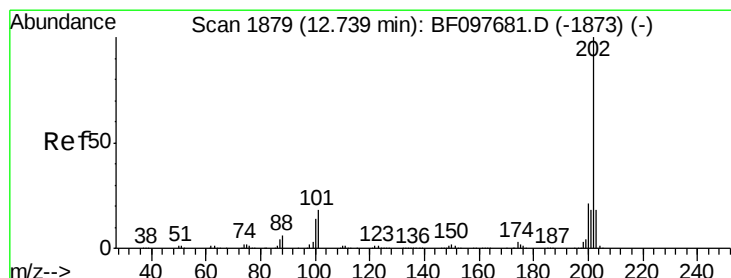
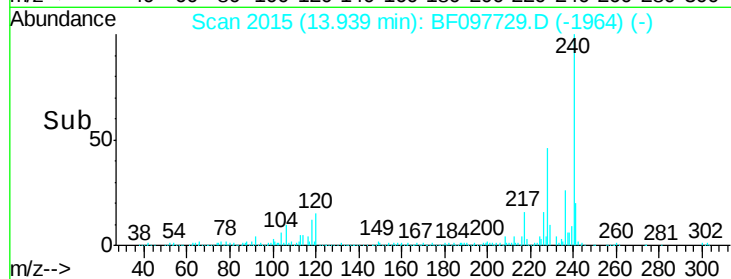
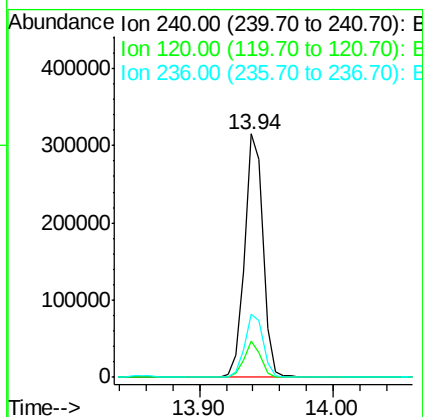
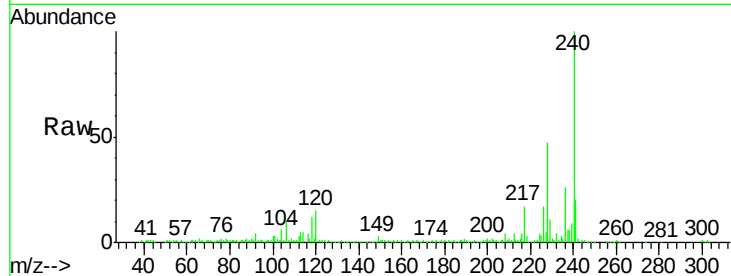




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF097729.D
Acq: 16 Aug 2017 9:40

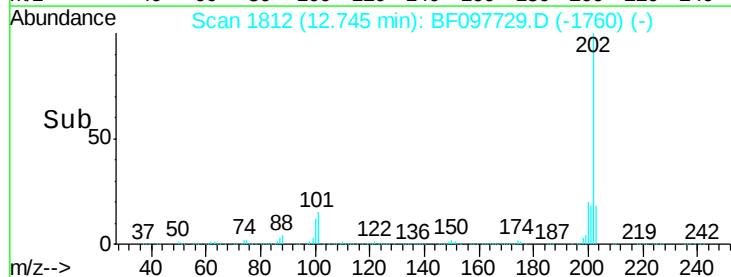
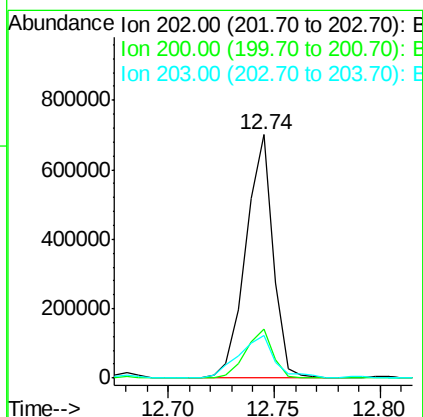
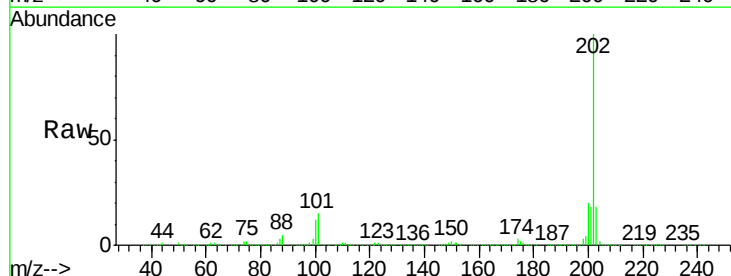
Instrument :
BNA_F
ClientSampleId :
E2-H10-BASE

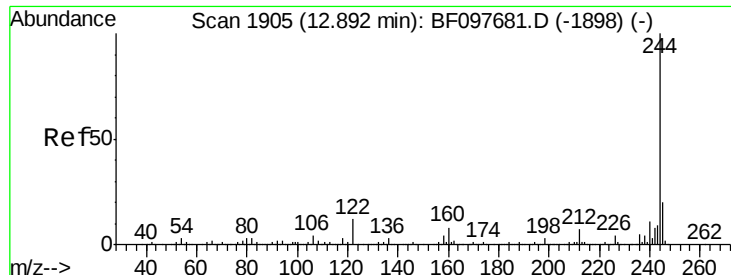
Tgt Ion:240 Resp: 299193
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 26.0 20.5 30.7



#77
Pyrene
Concen: 25.623 ng
RT: 12.74 min Scan# 1812
Delta R.T. 0.01 min
Lab File: BF097729.D
Acq: 16 Aug 2017 9:40

Tgt Ion:202 Resp: 627018
Ion Ratio Lower Upper
202 100
200 20.4 17.6 26.4
203 17.7 14.4 21.6





#78

Terphenyl-d14

Concen: 36.240 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

Instrument :

BNA_F

ClientSampleId :

E2-H10-BASE

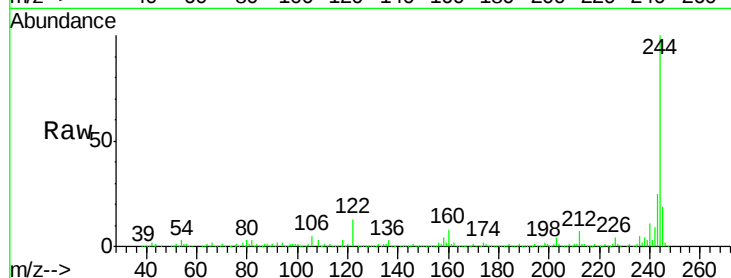
Tgt Ion:244 Resp: 519946

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

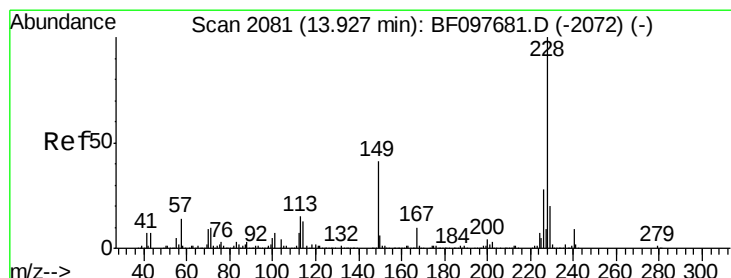
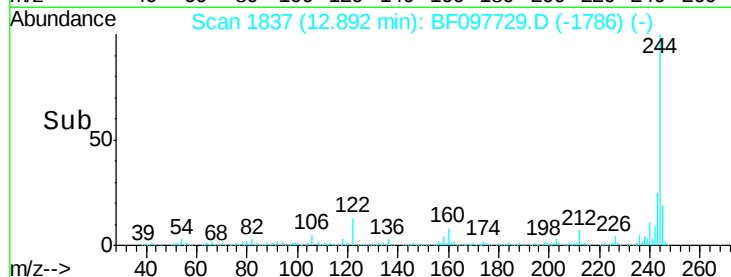
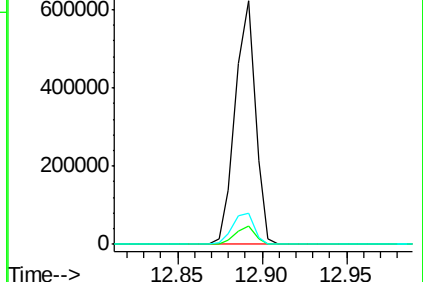
122 12.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 19.793 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.04 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

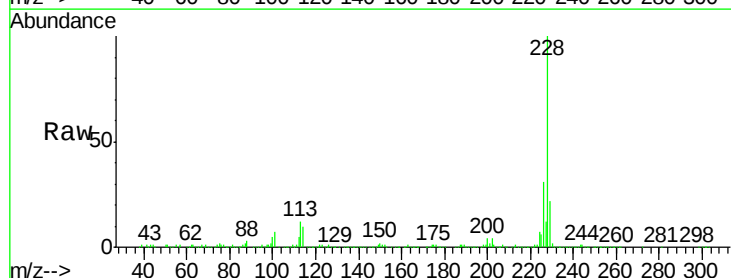
Tgt Ion:228 Resp: 354923

Ion Ratio Lower Upper

228 100

226 31.4 22.6 33.8

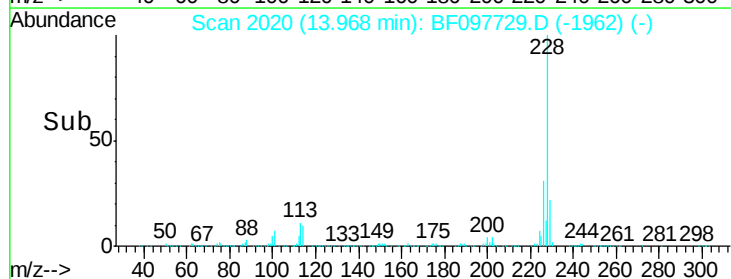
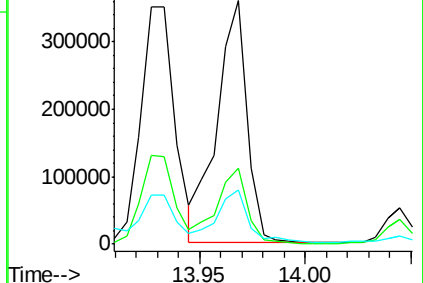
229 22.4 16.3 24.5

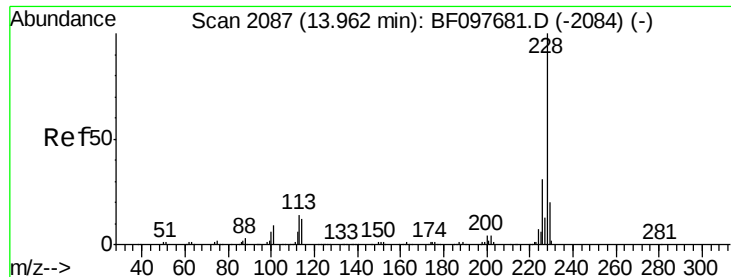


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 19.897 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

Instrument :

BNA_F

ClientSampleId :

E2-H10-BASE

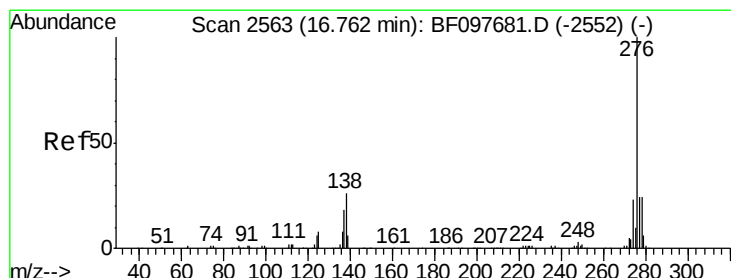
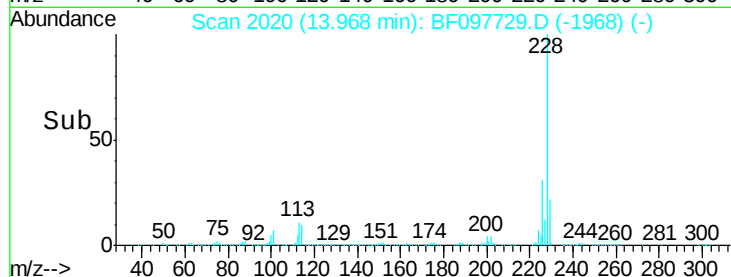
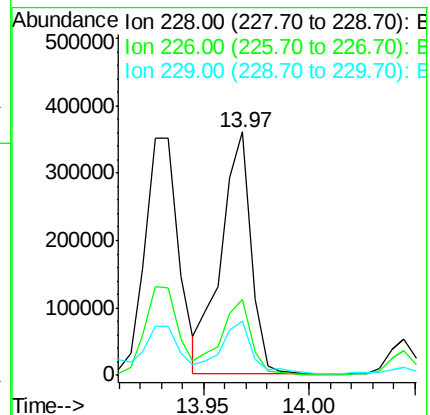
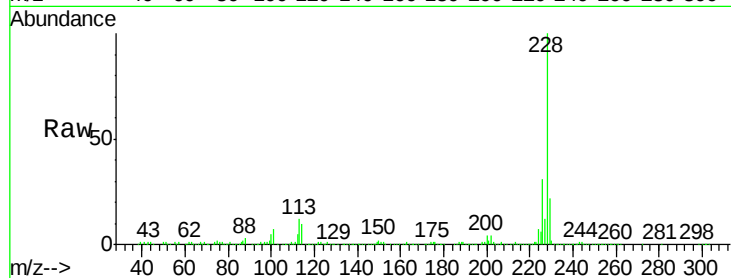
Tgt Ion: 228 Resp: 354923

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

229 22.4 15.8 23.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.684 ng

RT: 16.62 min Scan# 2471

Delta R.T. -0.14 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

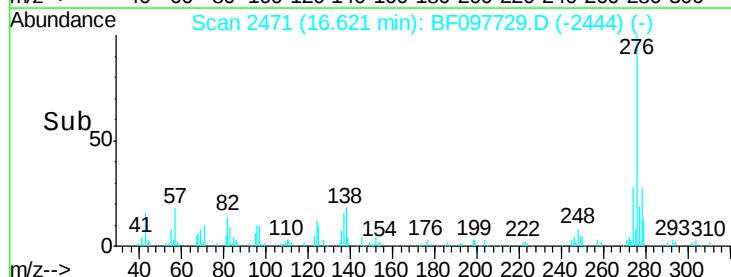
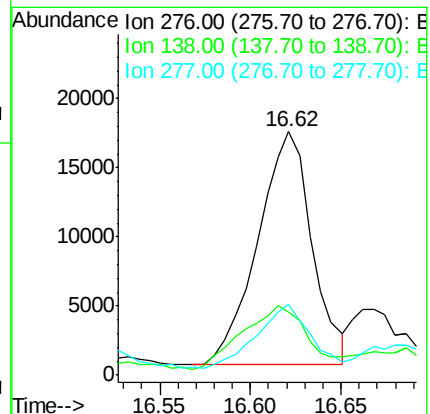
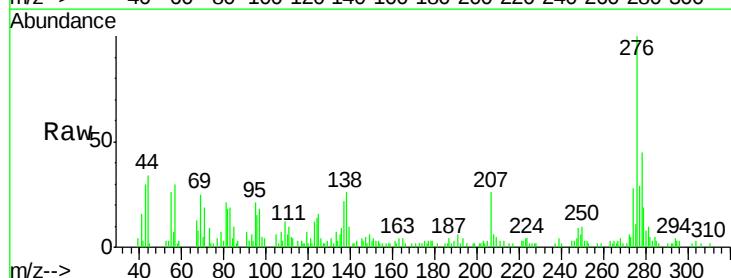
Tgt Ion: 276 Resp: 35216

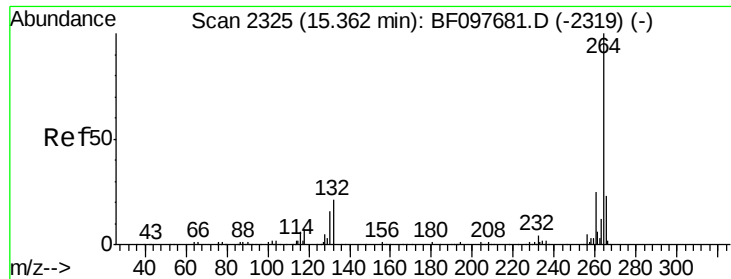
Ion Ratio Lower Upper

276 100

138 33.2 27.8 41.6

277 26.8 20.2 30.4

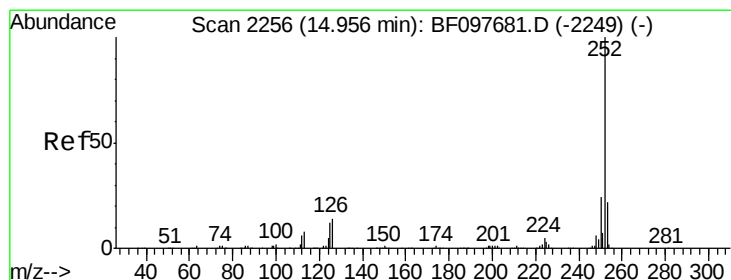
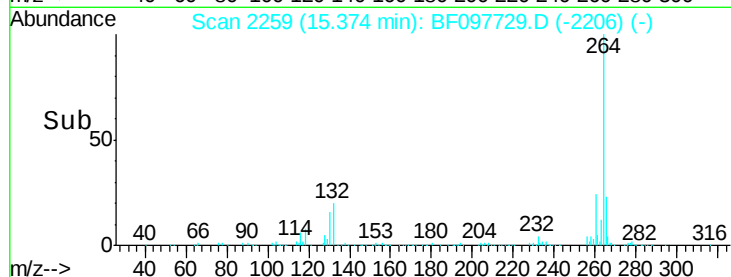
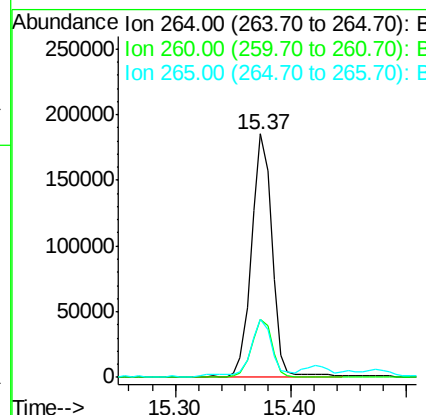
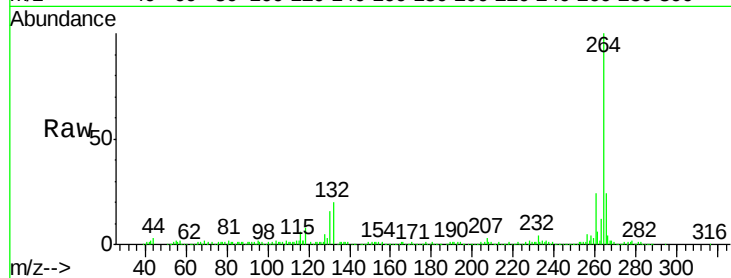




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF097729.D
Acq: 16 Aug 2017 9:40

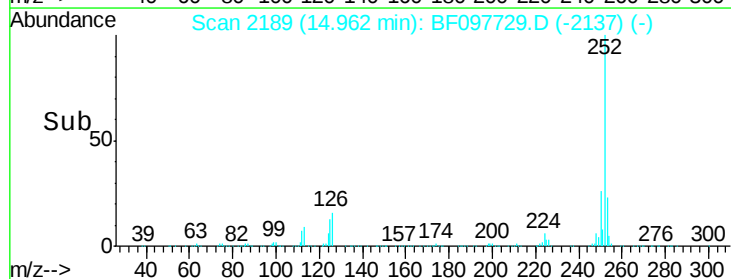
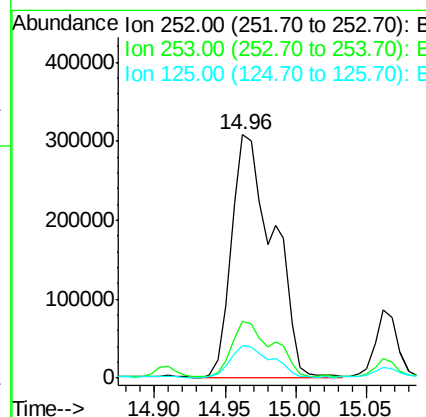
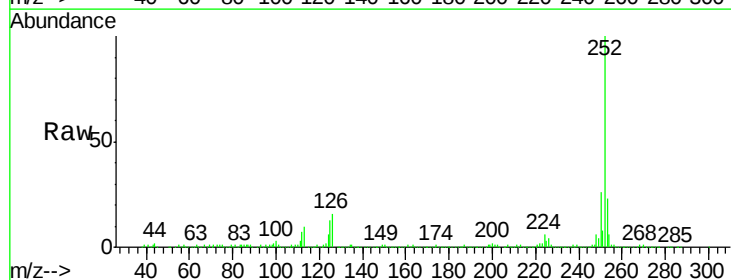
Instrument :
BNA_F
ClientSampleId :
E2-H10-BASE

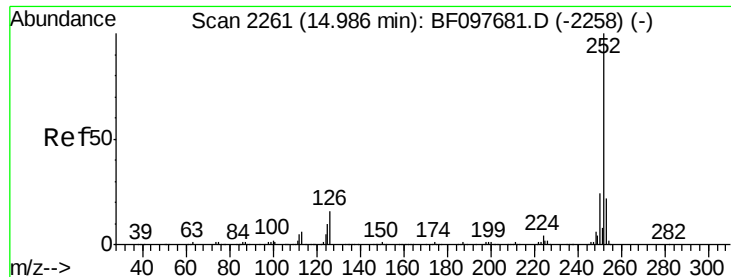
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	23.6	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 43.566 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF097729.D
Acq: 16 Aug 2017 9:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	13.3	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 46.371 ng

RT: 14.96 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

Instrument :

BNA_F

ClientSampleId :

E2-H10-BASE

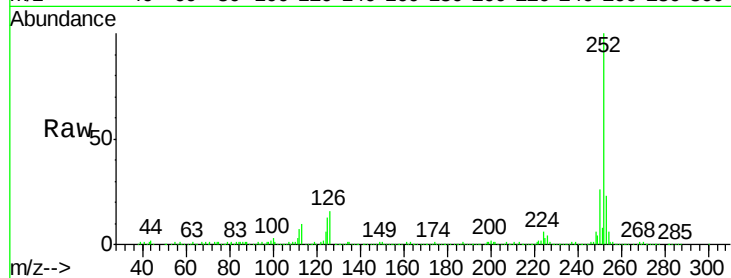
Tgt Ion:252 Resp: 634964

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

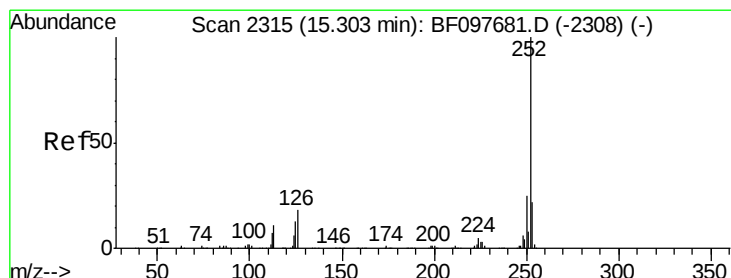
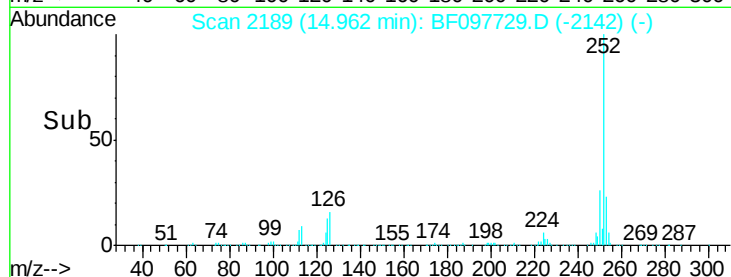
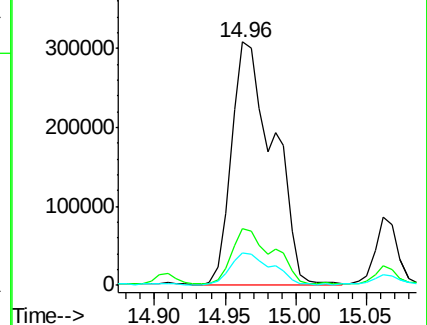
125 13.3 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 28.330 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

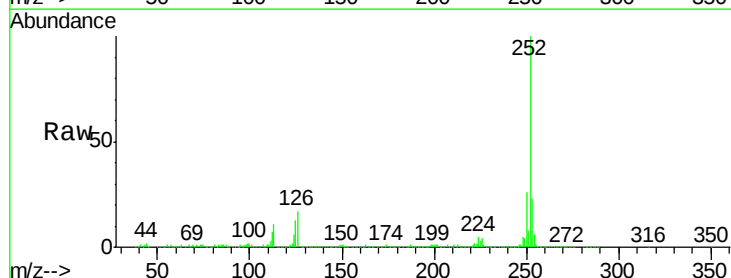
Tgt Ion:252 Resp: 365530

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

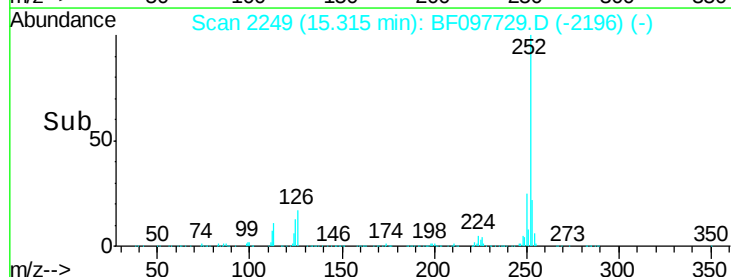
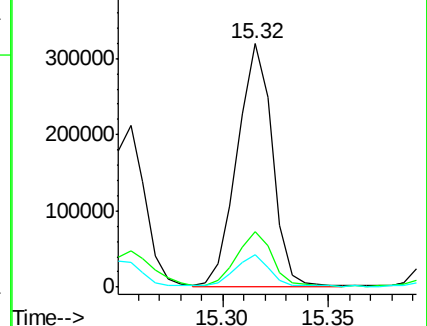
125 13.1 11.0 16.4

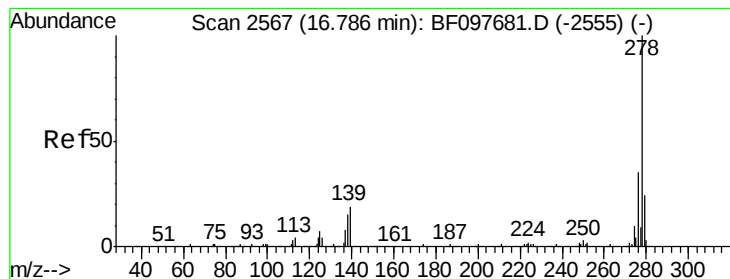


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3.855 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.16 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

Instrument :

BNA_F

ClientSampleId :

E2-H10-BASE

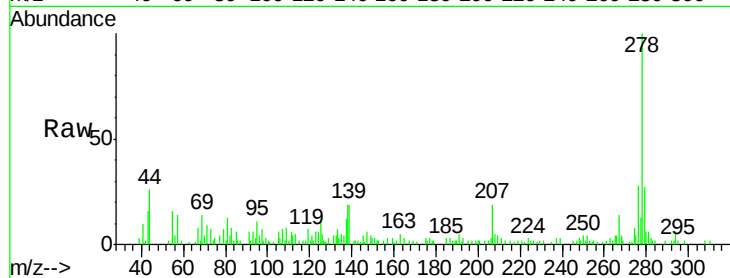
Tgt Ion:278 Resp: 40489

Ion Ratio Lower Upper

278 100

139 18.5 16.6 24.8

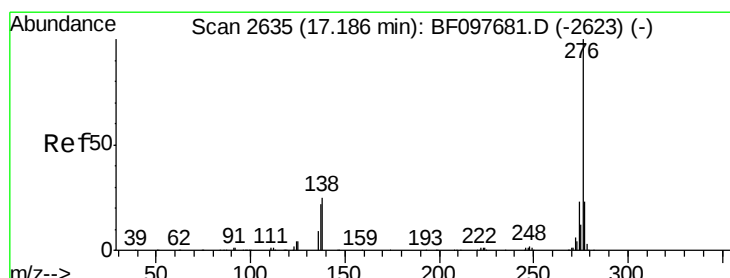
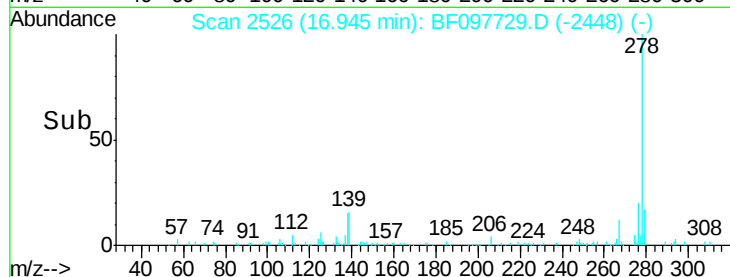
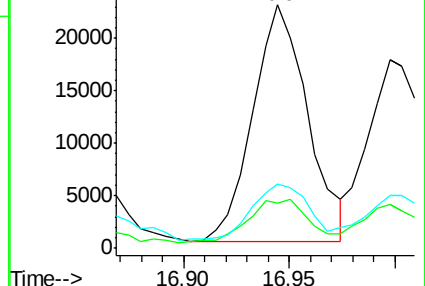
279 26.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 4.572 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.23 min

Lab File: BF097729.D

Acq: 16 Aug 2017 9:40

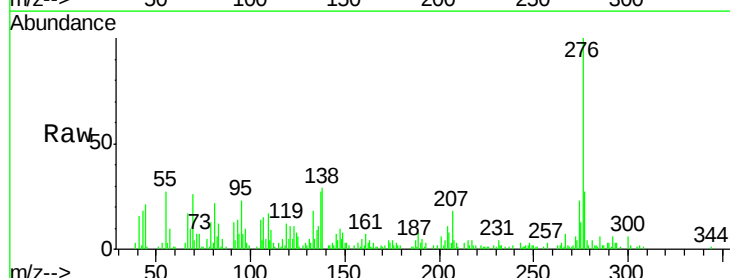
Tgt Ion:276 Resp: 50115

Ion Ratio Lower Upper

276 100

277 27.0 18.6 28.0

138 29.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

